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Introduction

The **V***IST***A** PIMS package provides a comprehensive range of software supporting the administrative functions of patient registration, admission, discharge, transfer, appointment scheduling, and beneficiary travel. Its functions apply throughout a patient's inpatient and/or outpatient stay from registration, eligibility and Means Testing through discharge with on-line transmission of PTF (Patient Treatment File) data and/or NPCDB (National Patient Care Database) data to the Austin Automation Center (AAC). The ADT module aids in recovery of cost of care by supplying comprehensive PTF/RUG-II options and Means Test options.

The ADT and Scheduling modules of PIMS are fully integrated with the VA FileMan, thus allowing ad hoc reports to be extracted by non-programmer personnel. ADT is integrated with V. 2.1 of the Fee Basis software allowing Fee personnel to register patients through a select Fee option.

Related manuals include the PIMS User Manual, the PIMS Release Notes which describe version specific changes to the PIMS package, and PIMS Installation Guide.

Several features have been designed into the PIMS package to maximize efficiency and maintain control over user access of specified sensitive patient records. The Consistency Checker reduces entry of inaccurate information by warning the user about incompatible or missing data. The Patient Sensitivity function allows a level of security to be assigned to certain records within a database in order to maintain control over unauthorized access. The Patient Lookup screens user access of these sensitive records, as well as providing for more efficient and faster retrieval of patient entries.

Tracking and calculation of data is performed transparently by the system to provide a variety of reports which assist in day-to-day operations as well as provide management with the necessary information to analyze workload and promote quality of care. Highlights include the following.

- Automation of the Daily Gains and Losses Sheet and Bed Status Report
- Inpatient Listings
- Seriously Ill Listings
- Bed Availability Reports
- AMIS Reporting
- Disposition Reporting

- Incomplete Records Tracking (IRT)
- Generic code sheets for reporting AMIS segments
- Automation of Appointment Status Update

With V. 2.5 of Order Entry/Results Reporting, OE/RR notifications for PIMS may be displayed for admissions, death discharges, deaths, and unscheduled (1010) visits. The notifications (ADMISSION, DECEASED, and UNSCHEDULED (1010) VISIT) will be displayed for patients who are defined as members of a list in the OE/RR LIST file (#100.21). The recipients of the notifications would need to be defined as users in the same OE/RR LIST entry. The notifications will appear as "alerts" when the user is prompted to select an option from a menu. Please refer to the documentation for Order Entry/Results Reporting for more information concerning OE/RR notifications.

Primary Care Management Module (PCMM)

The Primary Care Management Module was developed to assist VA facilities in implementing primary care. It will support both primary care teams and non-primary care teams. PCMM's functionality is divided into eight areas.

1. Setup & Define Team
2. Assign Staff to Positions in Teams
3. Assign Patient to Team
4. Assign Patient to Practitioner via Team Position and Enroll in a Clinic
5. Reports/Outputs/Mail Messages
6. Tools to Ease Startup Process of Primary Care
7. Other Changes to Scheduling Package
8. Application Program Interface (API) calls

The PCMM release will use a Graphical User Interface (GUI) to control the startup, setup, and assignment functions. To use the functionality in the PCMM, a site will need a Microsoft Windows™ workstation which has a connection to **V***IST***A** (either LAN or serial connection) for each location where a patient or staff member is assigned to a team. A typical site will want one workstation for each team, one for the PIMS ADPAC, plus one for the manager in charge of primary care. Existing Scheduling functionality will continue to be useable from "roll and scroll" terminals.

General Information

Namespace Conventions

The namespaces assigned to the PIMS package are DG, DPT, SD, SC, and VA.

Background Job Options

OPTION NAME	SUGGESTED RUN FREQUENCY	DEVICE REQUIRED	REMARKS
DG G&L RECALCULATION AUTO	Nightly	NO	Recommended to run @ 9PM
DGJ IRT UPDATE (BACKGROUND)	Nightly after midnight	NO	Schedule in TaskMan
DG PRE-REGISTER NIGHT JOB	Nightly	NO	Run during off hours. Set to null device for MSM sites.
DG PTF BACKGROUND JOB	Nightly	NO	Run during off-hours
DG RUG BACKGROUND JOB	Daily	YES	
DG RUG SEMI ANNUAL - TASKED	*	YES	*Queued in advance to run on 10/1 and 4/1
SCDX AMBCAR NIGHTLY XMIT	Nightly	NO	Collects work-load information and sends it to NPCDB in Austin via HL7 messages
SCENI IEMM SUMMARY BULLETIN	Nightly	NO	Run after nightly transmission to Austin
SDAM BACKGROUND JOB	Nightly	NO	
SDOQM PM NIGHTLY JOB	As directed	YES	Suggested run time @ 2AM

E-Mail Notifications

Below is a list of E-Mail notifications associated with the utilization of options in PIMS V. 5.3 in alphabetical order by option name.

OPTION	SUBJECT	ROUTINE
099 Transmission	PTF 099	DGPTF099
	099 Transmission for Census Record	DGPTF099
099 Transmission for Census Record	PTF 099	DGPTF099
Any option where a look-up on a sensitive patient record occurs and the user does not hold the DG SENSITIVITY security key.	Restricted Patient Record Accessed	DGBUL (called by DGSEC)
Any Scheduling option that involves patient appointments.	Means Test Required	DGMTREQB
Admit a Patient	Building Management	DGPMVBM
	Future Activity Scheduled (includes scheduled admissions on file and waiting list entries)	DGPMVBUL
	UR Admission Bulletin	DGPMVBUR
	New Patient Added to System	DGPATN
	Non-Veteran Admission	DGPMVBUL
	Veteran Admission Without Verified Eligibility	DGPMVBUL
	Inpatient Admission for {name}	SCMCPM
Ambulatory Care Nightly Transmission to NPCDB (Background Job Option)	Late ACRP Related Activity	SCDXMSG2
AMIS 401-420 Reports	Pending/Open Dispositions	DGA4003
Appointment Management	Late ACRP Related Activity	SCDXMSG2
Appointment Status Update	No Action Taken Appointment Update	SDAMQ1
Appointment Status Update (Background job)	No Action Taken Appointment Update	SDAMQ1

OPTION	SUBJECT	ROUTINE
Auto-recalculation of G&L Statistics	Auto recalc Start/Finish Bulletin	DGPMBSAB
Check-in Lodger	Building Management	DGPMVBM
Check-In Unscheduled Visit	Late ACRP Related Activity	SCDXMSG2
Collateral Patient Register	Inconsistency Edit	DGRPCB
	New Patient Added to System	DGPATN
	Patient Deleted	DGPATN
	Patient Name Changed	DGPATN
	SSN Change	DGPATN
Death Entry	Patient Has Expired	DGDEATH
Discharge a Patient	Building Management	DGPMVBM
	Patient Has Expired	DGDEATH
	Inpatient Discharge for {name}	SCMCPM
Edit Clinic Enrollment Data	Enrollment Patient-Clinic Enrollment for {name}	SCMCCON
Eligibility Verification	Inconsistency Edit	DGRPCB
	New Patient Added to System	DGPATN
	Patient Deleted	DGPATN
	Patient Name Changed	DGPATN
	SSN Change	DGPATN
Extended Bed Control	Building Management	DGPMVBM
	Patient Has Expired	DGDEATH
	Inpatient Admission for {name}	SCMCPM
	Inpatient Discharge for {name}	SCMCPM
	Inpatient Transfer for {name}	SCMCPM
Gains and Losses (G&L) Sheet	Transmit Overdue Absence	DGABUL (called by DGPMGL1)
IRT Update Std. Def. Background Job	Patients Discharged Less than 48 hours	DGJBGJ
IRT Update Std. Deficiencies	Patients Discharged Less than 48 hours	DGJBGJ

OPTION	SUBJECT	ROUTINE
Load/Edit Patient Data	Inconsistency Edit	DGRPCB
	New Patient Added to System	DGPATN
	Patient Deleted	DGPATN
	Patient Name Changed	DGPATN
	SSN Change	DGPATN
	Embossers (on hold status)	DGQEMP
	Embosser Error	DGQEMP
Lodger Check-out	Building Management	DGPMVBM
Make Appointment	Late ACRP Related Activity	SCDXMSG2
Make Consult Appointment	Enrollment Patient-Clinic Enrollment for {name}	SCMCCON
	Appointment Patient-Clinic Appointment for {name}	SCMCCON
Pending/Open Disposition List	Number of Pending Dispositions Found	DGA4003
Preregistration Nightly Background Job	Pre-Registration Nightly Job Report	DGPREBJ
Primary Eligibility ID Reset (All Pts)	Reset Primary Eligibility ID Format	VADPT61
PTF Transmission	PTF Record Reopened	DGPTFTR3
	PTF Transmission	DGPTFTR
	PTF Transmission Statistics Summary	DGPTFTR3
Purge Ambulatory Care Reporting files	Purging of ACRP files from {date} to {date}	SCDXPRG0
Purge Appointment Status Update Log File	Appointment Status Update Log Purge	SDAMLD
Purge Special Transaction Request Log	Purge PTF Special Transaction Log	DGPTRPO
Regenerate Census Workfile	Census Workfile Update	DGPTCR
Register a Patient	Inconsistency Edit	DGRPCB
	New Patient Added to System	DGPATN
	Patient Deleted	DGPATN
	Patient Name Changed	DGPATN
	SSN Change	DGPATN
Reset All IDs For All Patients	Reset All ID Formats For All Patients	VADPT61
Scheduling/PCE Bad Pointer Count	Scheduling/PCE Encounter Error Count	SD53120A

OPTION	SUBJECT	ROUTINE
Specific Eligibility ID Reset (All Patients)	Reset Specific Eligibility ID Format	VADPT61
Specific ID Format Reset	Reset ID Format	VADPT61
Switch Bed	Building Management	DGPMVBM
Transfer a Patient	Building Management	DGPMVBM
Transmission via VADATS	Rug-II Transmission, Message # <#>	DGRUGDR
Transmit Census Records	Census Transmission Census Transmission Statistics Summary Census Record Reopened	DGPTFTR DGPTFTR3 DGPTFTR3
Transmit/Generate Release Comments	MAS V <#> Installation, <site>	DGVREL2
Validity Check of PTF Record	<Patient Name> PTF Transmission	DGPTFVC

E-Mail Notifications Generated by Background Job Options

BULLETIN	SUBJECT	ROUTINE
DGQE PHOTO CAPTURE	Transmission of data to photo	DGQEHL70
SCDX AMBCARE TO NPCDB SUMMARY	Transmission of data to NPCDB Completed	SCDXMSG
SCDX INCOMPLETE ENCOUNTER MGMT	IEMM Summary Report	SCRPI02
SDOQM DATA CAPTURE	Access PM Extract from {site name}	SDOQMP
SDOQM PM EXPIRATION	PM Extract Expiration	SDOQMP0

Integrity Checker

PIMS uses the KIDS integrity checker. Under the installation option of the Kernel Installation Distribution System menu, select Verify Checksums in Transport Global to ensure that the routines are correct.

SACC Exemptions/Non-Standard Code

The following are the steps you may take to obtain the SACC exemptions for the PIMS package.

1. FORUM
2. DBA Menu
3. SACC Exemptions Menu
4. Display Exemptions for a Package Option
5. Select SACC Exemptions package: ADT
                                      SD

Resource Requirements

Algorithms

65.1   ADT TU
             (#101.2/13,750)
             (Patients Treated/13,750)

65.2   ADT DISK
             (#101.2/1000) + (#14.11/10)
             (Patients Treated/1000) + (Wards/10)

66.1   REG TU
             MAX(#14.2/125,000,.04)
             (Applications/125,000) (minimum .04)

66.2   REG DISK
             MAX(#14.2/200,1)
             (Applications/200) (minimum 1 MB)

ELIGIBILITY CODE ENTER/EDIT - This option allows the user to enter/edit eligibility codes used by the site. It should be run for all ELIGIBILITY file entries to associate each entry with an MAS Eligibility code and an Identification Format. An example of utilizing the option follows. User responses are shown in boldface type.

```
Select ELIGIBILITY CODE NAME:  MARINE CORPS
   ARE YOU ADDING 'MARINE CORPS' AS A NEW ELIGIBILITY CODE (THE 5TH)?   YES
   ELIGIBILITY CODE MAS ELIGIBILITY CODE:   OTHER FEDERAL AGENCY    4
NAME: MARINE CORPS//  <RET>
ABBREVIATION:  MC
PRINT NAME:  MARINE CORPS     (Enter abbreviated Eligibility Code name for
                               output in limited space)
INACTIVE:  <RET>              (Null response for active; 1 - YES for inactive)
MAS ELIGIBILITY CODE: OTHER FEDERAL AGENCY//    <RET>
ID FORMAT:  DOD
AGENCY:  ARMY
Select SYNONYM:  <RET>
```

ID FORMAT ENTER/EDIT - This option allows the user to enter/edit Identification formats with description.

RESET ALL IDS FOR A PATIENT - This option is used to reset the corresponding IDs for all eligibilities for a single patient. The patient's eligibilities will be listed as the ID is reset. This utility would be used if, for some reason, a patient's ID got corrupted.

RESET ALL IDS FOR ALL PATIENTS - This option resets all IDs corresponding to each of the patient's eligibilities. The option should be executed during non-peak hours. When the job is completed, a MailMan message will be generated to the user showing the start and completion date/time.

SPECIFIC ELIGIBILITY ID RESET (ALL PATIENTS) - After prompting for an eligibility code and queue-to-run time, this option will update the IDs for all patients having the selected eligibility. This utility would allow a site to update their database with the new value if the ID FORMAT field in the ELIGIBILITY CODE file changed. The option should be run during off hours. When the job is completed, a MailMan message will be generated to the user showing the start and completion date/time.

SPECIFIC ID FORMAT RESET - This option prompts for an ID format; then, all patients that have eligibility codes associated with that ID format will have their IDs reset. The utility allows sites to update their database if the DEFAULT LONG ID VALUE CODE field in the IDENTIFICATION FORMAT file was modified. This option should be executed during off hours. When the job is completed, a MailMan message will be sent to the user showing the start and completion date/time.

Station Number (Time Sensitive) Enter/Edit (D ^VASITE0)

The STATION NUMBER (TIME SENSITIVE) file (#389.9) is used to hold the time sensitive station number data. This file was initially populated by the post init routine for MAS V. 5.2. One entry was created for each medical center division with an effective date of Jan 1, 1980. It is not necessary to modify this data unless the station number for a division changes or a new division is added. Entering a new medical center division name through the Supervisor ADT Menu of the ADT module of PIMS will automatically create a new entry in this file. New divisions may not be added through this routine entry point.

The Station Number (Time Sensitive) Enter/Edit routine entry point is used to change an existing station number or enter a new station number for a new division. If you are changing a station number for a division, you should enter a new effective date and the new station number for that division. Once a new division has been added, you should select the new division and enter the effective date and new station number. The IS PRIMARY DIVISION field should be set to YES for the division where the station number has no suffix. Only one division may be primary at any given time.

Routines

Routines To Map

It is recommended that the following routines be mapped.

DG10*, DGDEP*, DGINP, DGINPW, DGLOCK*, DGMTA*, DGMTCOR, DGMTCOU*, DGMTDD*, DGMTE*, DGMTP*, DGMTR, DGMTSC*, DGMTU*, DGMTX*, DGPMBS*, DGPMDD, DGPMDD1, DGPMDD2, DGPMDDCN, DGPMGL*, DGPMLOS, DGPMSTAT, DGPMV*, DGPTF, DGPTF1, DGPTF2, DGPTF4*, DGPTFD, DGPTFJ, DGPTFTR, DGPTICD, DGPTR*, DGPTSU*, DGPTTS*, DGREG*, DGRP*, DGSEC, DGUTL, DPTDUP, DPTLK*, SCAP*, SCUTBK*, SCMCT*, SDACS*, SDAM*, SDAMBAE*, SDCO*, SDDIV, SDM*, SDOE*, SDQ*, SDROUT*, SDUL, SDVSIT*, SDXACS*, VADPT*, VAFEDCAP, VAFEDG, VALM, VALM0, VALM00, VALM1, VALM10, VALM11, VALM2, VALM4, VALM40.

Also map the routines generated by the following compiled templates.

DGJX*, DGPMX*, DGPTX*, DGRPTX*, DGRPX*, SDAP*, SDAMXOE*, SDBT*, SDM1T*, SDX*.

Callable Routines

$$INSTPCTM^SCAPMC	Institution & team for pt's pc team
$$PRCL^SCAPMC	Practitioners for a Clinic
$$PRPT^SCAPMC	Practitioners for a Patient
$$PRTM^SCAPMC	Practitioners for a Team
$$PTTM^SCAPMC	Patients for a Team
$$SITE^VASITE	Obtain Station Number Information
$$TMPT^SCAPMC	Teams for a Patient
DGINPW	Obtain Inpatient Status
DGPMLOS	Obtain Length of Stay by Admission
SDOE	ACRP Interface Toolkit
SDQ	ACRP Interface Toolkit
SDUTL3	Utility to enter and view primary care fields
VACPT	Display CPT Copyright Info
VADATE	Generic Date Routine
VADPT	Obtain Patient Information
VALM	List Manager
VAFMON	Obtain Income or Dependent Information
VATRAN	Establish VADATS Transmission Variables
VATREDIT	Enter/Edit TRANSMISSION ROUTERS File
VAUQWK	Quick Lookup for Patient Data
VAUTOMA	Generic One, Many, All Routine

See the Package-Wide Variables section of this manual for entry points.

Compiled Template Routines

It is recommended you recompile the following templates at 4000 bytes.

Input Templates

FILE #	TEMPLATE NAME	ROUTINES
2	DG CONSISTENCY CHECKER	DGRPXC*
	DG LOAD EDIT SCREEN 7	DGRPXX7*
	DGRP COLLATERAL REGISTER	DGRPXCR*
	DGRPT 10-10T REGISTRATION	DGRPTXE*
	SDM1	SDM1T*
40.8	DGTS	DGXTS
44	SDB	SDBT*
45	DG PTF CREATE PTF ENTRY	DGPTXC*
	DG PTF POST CREATE	DGPTXCA*
	DG 101	DGPTX1*
	DG 401	DGPTX4*
	DG 501	DGPTX5*
	DG 501F	DGPTX5F*
	DG 701	DGPTX7*
45.5	DG PTF ADD MESSAGE	DGPTXMS*
393	DGJ EDIT IRT RECORD	DGJXE*
	DGJ ENTER IRT RECORD	DGJXA*

FILE #	TEMPLATE NAME	ROUTINES
405	DGPM ADMIT	DGPMX1*
	DGPM TRANSFER	DGPMX2*
	DGPM DISCHARGE	DGPMX3*
	DGPM CHECK-IN LODGER	DGPMX4*
	DGPM LODGER CHECK-OUT	DGPMX5*
	DGPM SPECIALTY TRANSFER	DGPMX6*
	DGPM ASIH ADMIT	DGPMXA*
408.21	DGMT ENTER/EDIT ANNUAL INCOME	DGMTXI
	DGMT ENTER/EDIT EXPENSES	DGMTXE
	DGRP ENTER/EDIT ANNUAL INCOME	DGRPXIS
	DGRP ENTER/EDIT MON BENEFITS	DGRPXMB
408.22	DGMT ENTER/EDIT DEPENDENTS	DGMTXD
	DGMT ENTER/EDIT MARITAL STATUS	DGMTXM
408.31	DGMT ENTER/EDIT COMPLETION	DGMTXC
409.5	SDAMBT	SDXA*
	SDXACSE	SDXACSE*
409.68	SD ENCOUNTER ENTRY	SDAMXOE*
	SD ENCOUNTER LOG	SDAMXLG

Print Templates

FILE #	TEMPLATE NAME	ROUTINES
45	DG PTF PT BRIEF LIST	DGPTXB*
45.86	DGPT QUICK PROFILE	DGPTXCP*
409.65	SDAMVLD	SDAMXLD

Compiled Cross-Reference Routines

FILE #	FILE NAME	ROUTINES
45	PTF	DGPTXX*
405	PATIENT MOVEMENT	DGPMXX*
408.21	INDIVIDUAL ANNUAL INCOME	DGMTXX1*
408.22	INCOME RELATION	DGMTXX2*
408.31	ANNUAL MEANS TEST	DGMTXX3*

Routine List

The following are the steps you may take to obtain a listing of the routines contained in the PIMS package.

1. Programmer Options Menu
2. Routine Tools Menu
3. First Line Routine Print Option
4. Routine Selector: DG* (ADT)
                     SD* (Scheduling)

Files

Globals and Files

The main globals used in the PIMS package are ^DG, ^DPT, ^DGPM, ^SC, and ^SCE.
The main files are PATIENT, PATIENT MOVEMENT, MAS MOVEMENT TYPE, PTF, CENSUS, WARD LOCATION, and HOSPITAL LOCATION.
The PIMS Package also uses globals ^DGSL, ^DGIN, ^DGS, ^DGAM, ^DGWAIT, ^DGPR, ^DGMT, ^DGPT, ^DGM, ^DGP, ^ICPT, ^VA, ^VAS, ^DGBT, ^VAT, ^DIC, ^SCTM, ^SDASF, ^SDASE, ^SDV, ^SD, ^SDD.

Journalling of the following globals is mandatory: ^DPT, ^DGBT, ^DGEN, ^DGPT, ^DGPM, ^SDV, ^SC, ^SCE, ^SCTM, ^SDD.
Journalling of the following globals is optional: ^DGS, ^DG.

PIMS File List

FILE NUMBER	FILE NAME	GLOBAL
2	PATIENT	^DPT(
5	STATE	^DIC(5,
8	ELIGIBILITY CODE	^DIC(8,
8.1**	MAS ELIGIBILITY CODE	^DIC(8.1,
8.2*	IDENTIFICATION FORMAT	^DIC(8.2,
10*	RACE	^DIC(10,
11**	MARITAL STATUS	^DIC(11,
13*	RELIGION	^DIC(13,
21**	PERIOD OF SERVICE	^DIC(21,
22**	POW PERIOD	^DIC(22,
23*	BRANCH OF SERVICE	^DIC(23,
25*	TYPE OF DISCHARGE	^DIC(25,
27.11	PATIENT ENROLLMENT	^DGEN(27.11,
30**	DISPOSITION LATE REASON	^DIC(30,
35*	OTHER FEDERAL AGENCY	^DIC(35,
35.1	SHARING AGREEMENT CATEGORY	^DG(35.1,
35.2	SHARING AGREEMENT SUB-CATEGORY	^DG(35.2)
37**	DISPOSITION	^DIC(37,
38.1	DG SECURITY LOG	^DGSL(38.1,
38.5	INCONSISTENT DATA	^DGIN(38.5,
38.6**	INCONSISTENT DATA ELEMENTS	^DGIN(38.6,
39.1*	EMBOSSED CARD TYPE	^DIC(39.1,
39.2*	EMBOSSING DATA	^DIC(39.2,
39.3	EMBOSSER EQUIPMENT FILE	^DIC(39.3,
39.4	ADT/HL7 TRANSMISSION	^DIC(39.4,
40.7*	CLINIC STOP	^DIC(40.7,

FILE NUMBER	FILE NAME	GLOBAL
40.8	MEDICAL CENTER DIVISION	^DG(40.8,
40.9**	LOCATION TYPE	^DIC(40.9
41.1	SCHEDULED ADMISSION	^DGS(41.1,
41.41	PRE-REGISTRATION AUDIT	^DGS(41.41,
41.42	PRE-REGISTRATION CALL LIST	^DGS(41.42,
41.43	PRE-REGISTRATION CALL LOG	^DGS(41.43,
41.9	CENSUS	^DG(41.9,
42	WARD LOCATION	^DIC(42,
42.4*	SPECIALTY	^DIC(42.4,
42.5	WAIT LIST	^DGWAIT(
42.55**	PRIORITY GROUPING	^DIC(42.55,
42.6	AMIS 334-341	^DGAM(334,
42.7	AMIS 345&346	^DGAM(345,
43	MAS PARAMETERS	^DG(43,
43.1	MAS EVENT RATES	^DG(43.1,
43.11**	MAS AWARD	^DG(43.11,
43.4**	VA ADMITTING REGULATION	^DIC(43.4,
43.5	G&L CORRECTIONS	^DGS(43.5,
43.61	G&L TYPE OF CHANGE	^DG(43.61,
43.7**	ADT TEMPLATE	^DG(43.7,
44	HOSPITAL LOCATION	^SC(
45	PTF	^DGPT(
45.1**	SOURCE OF ADMISSION	^DIC(45.1,
45.2	PTF TRANSFERRING FACILITY	^DGTF(
45.3*	SURGICAL SPECIALTY	^DIC(45.3,
45.4*	PTF DIALYSIS TYPE	^DG(45.4,
45.5	PTF MESSAGE	^DGM(
45.6*	PLACE OF DISPOSITION	^DIC(45.6,
45.61*	PTF ABUSED SUBSTANCE	^DIC(45.61,
45.62	PTF ARCHIVE/PURGE HISTORY	^DGP(45.62,
45.64*	PTF AUSTIN ERROR CODES	^DGP(45.64,
45.68	FACILITY SUFFIX	^DIC(45.68,
45.7	FACILITY TREATING SPECIALTY	^DIC(45.7,
45.81*	STATION TYPE	^DIC(45.81,
45.82*	CATEGORY OF BENEFICIARY	^DIC(45.82,
45.83	PTF RELEASE	^DGP(45.83,
45.84	PTF CLOSE OUT	^DGP(45.84,
45.85	CENSUS WORKFILE	^DG(45.85,
45.86*	PTF CENSUS DATE	^DG(45.86,
45.87	PTF TRANSACTION REQUEST LOG	^DGP(45.87,
45.88*	PTF EXPANDED CODE CATEGORY	^DIC(45.88,
45.89*	PTF EXPANDED CODE	^DIC(45.89,
45.9	PAF	^DG(45.9,
45.91	RUG-II	^DG(45.91,
47**	MAS FORMS AND SCREENS	^DIC(47,
48**	MAS RELEASE NOTES	^DG(48,
48.5**	MAS MODULE	^DG(48.5,
389.9	STATION NUMBER (TIME SENSITIVE)	^VA(389.9,
391**	TYPE OF PATIENT	^DG(391,
391.1	AMIS SEGMENT	^DG(391.1,

FILE NUMBER	FILE NAME	GLOBAL
392	BENEFICIARY TRAVEL CLAIM	^DGBT(392,
392.1	BENEFICIARY TRAVEL DISTANCE	^DGBT(392.1,
392.2	BENEFICIARY TRAVEL CERTIFICATION	^DGBT(392.2,
392.3**	BENEFICIARY TRAVEL ACCOUNT	^DGBT(392.3,
392.4	BENEFICIARY TRAVEL MODE OF TRANSPORTATION	^DGBT(392.4,
393	INCOMPLETE RECORDS	^VAS(393,
393.1*	MAS SERVICE	^DG(393.1,
393.2*	IRT STATUS	^DG(393.2,
393.3*	IRT TYPE OF DEFICIENCY	^VAS(393.3,
393.41*	TYPE OF CATEGORY	^VAS(393.41,
403.35	SCHEDULING USER PREFERENCE	^SCRS(403.35,
403.43*	SCHEDULING EVENT	^SD(403.43,
403.44*	SCHEDULING REASON	^SD(403.44,
403.46*	STANDARD POSITION	^SD(403.46,
403.47*	TEAM PURPOSE	^SD(403.47,
404.41	OUTPATIENT PROFILE	^SCPT(404.41,
404.42	PATIENT TEAM ASSIGNMENT	^SCPT(404.42,
404.43	PATIENT TEAM POSITION ASSIGNMENT	^SCPT(404.43,
404.51	TEAM	^SCTM(404.51,
404.52	POSITION ASSIGNMENT HISTORY	^SCTM(404.52,
404.56	TEAM AUTOLINK	^SCTM(404.56,
404.57	TEAM POSITION	^SCTM(404.57,
404.58	TEAM HISTORY	^SCTM(404.58,
404.59	TEAM POSITION HISTORY	^SCTM(404.59,
404.91	SCHEDULING PARAMETER	^SD(404.91,
404.92*	SCHEDULING REPORT DEFINTION	^SD(404.92,
404.93*	SCHEDULING REPORT FIELDS DEFINITION	^SD(404.93,
404.94*	SCHEDULING REPORT GROUP	^SD(404.94,
404.95*	SCHEDULING REPORT QUERY TEMPLATE	^SD(404.95,
404.98	SCHEDULING CONVERSION SPECIFICATION TEMPLATE	^SD(404.98,
405	PATIENT MOVEMENT	^DGPM(
405.1	FACILITY MOVEMENT TYPE	^DG(405.1,
405.2**	MAS MOVEMENT TYPE	^DG(405.2,
405.3**	MAS MOVEMENT TRANSACTION TYPE	^DG(405.3,
405.4	ROOM-BED	^DG(405.4,
405.5**	MAS OUT-OF-SERVICE	^DG(405.5,
405.6	ROOM-BED DESCRIPTION	^DG(405.6,
406.41**	LODGING REASON	^DG(406.41,
407.5	LETTER	^VA(407.5,
407.6**	LETTER TYPE	^VA(407.6,
407.7**	TRANSMISSION ROUTERS	^VAT(407.7,
408	DISCRETIONARY WORKLOAD	^VAT(408,
408.11*	RELATIONSHIP	^DG(408.11,
408.12	PATIENT RELATION	^DGPR(408.12,
408.13	INCOME PERSON	^DGPR(408.13,
408.21	INDIVIDUAL ANNUAL INCOME	^DGMT(408.21,
408.22	INCOME RELATION	^DGMT(408.22,
408.31	ANNUAL MEANS TEST	^DGMT(408.31,
408.32**	MEANS TEST STATUS	^DG(408.32,

FILE NUMBER	FILE NAME	GLOBAL
408.33**	TYPE OF TEST	^DG(408.33,
408.34**	SOURCE OF INCOME TEST	^DG(408.34,
408.41	MEANS TEST CHANGES	^DG(408.41,
408.42**	MEANS TEST CHANGES TYPE	^DG(408.42,
409.1**	APPOINTMENT TYPE	^SD(409.1,
409.2**	CANCELLATION REASONS	^SD(409.2,
409.41**	OUTPATIENT CLASSIFICATION TYPE	^SD(409.41,
409.42	OUTPATIENT CLASSIFICATION	^SDD(409.42,
409.45**	OUTPATIENT CLASSIFICATION STOP CODE EXCEPTION	^SD(409.45,
409.62**	APPOINTMENT GROUP	^SD(409.62,
409.63**	APPOINTMENT STATUS	^SD(409.63,
409.64	QUERY OBJECT	^SD(409.64,
409.65	APPOINTMENT STATUS UPDATE LOG	^SDD(409.65,
409.66**	APPOINTMENT TRANSACTION TYPE	^SD(409.66
409.67	CLINIC GROUP	^SD(409.67,
409.68	OUTPATIENT ENCOUNTER	^SCE(
409.73	TRANSMITTED OUTPATIENT ENCOUNTER	^SD(409.73,
409.74	DELETED OUTPATIENT ENCOUNTER	^SD(409.74,
409.75	TRANSMITTED OUTPATIENT ENCOUNTER ERROR	^SD(409.75,
409.76**	TRANSMITTED OUTPATIENT ENCOUNTER ERROR CODE	^SD(409.76,
409.77	ACRP TRANSMISSION HISTORY	^SD(409.77,

* File comes with data
** File comes with data which will overwrite existing data, if specified

The following are the steps you may take to obtain information concerning the files and templates contained in the PIMS package.

File Flow (Relationships between files)
1. VA FileMan Menu
2. Data Dictionary Utilities Menu
3. List File Attributes Option
4. Enter File # or range of File #s
5. Select Listing Format: Standard
6. You will see what files point to the selected file. To see what files the selected file points to, look for fields that say "POINTER TO".

Package-Wide Variables

There are no package-wide variables associated with the PIMS package.

Key Variables

PIMS System Wide Variables

DFN   Internal entry of the PATIENT file
SSN   Social security number
AGE   Age of patient
DOB   Date of birth
SEX   Sex of patient

VADPT Variables

See Appendix A.

Scheduling Variables

SDUTL3 contains utilities used to display and retrieve data from the CURRENT
PC TEAM and CURRENT PC PRACTITIONER fields in the PATIENT file.
Documentation can also be found in the routine.

$$OUTPTPR^SDUTL3(PARM 1) - displays data from CURRENT PC
PRACTITIONER field.
    Input   PARM 1   The internal entry of the PATIENT file.
    Output   CURRENT PC PRACTIONER in Internal^External format.
                      If look-up is unsuccessful, 0 will be returned.

$$OUTPTTM^SDUTL3(PARM 1) - displays data from CURRENT PC TEAM field.
    Input   PARM 1   The internal entry of the PATIENT file.
    Output   CURRENT PC TEAM in Internal^External format. If
                      look-up is unsuccessful, 0 will be returned.

INPTPR^SDUTL3(PARM 1, PARM 2) - stores data in CURRENT PC
PRACTITIONER field.

Input	PARM 1	The internal entry of the PATIENT file.
	PARM 2	Pointer to the NEW PERSON file indicating the practitioner associated with the patient's care.
Output	SDOKS	1 if data is stored successfully; 0 otherwise

INPTTM^SDUTL3(PARM 1, PARM 2) - stores data in CURRENT PC TEAM field.

Input	PARM 1	The internal entry of the PATIENT file.
	PARM 2	Pointer to the TEAM file indicating the team associated with the patient's care.
Output	SDOKS	1 if data is stored successfully; 0 otherwise

VAUTOMA

VAUTOMA is a routine which will do a one/many/all prompt - returning the chosen
values in a subscripted variable specified by the calling programmer.

Input variables:

VAUTSTR	string which describes what is to be entered.
VAUTNI	defines if array is sorted alphabetically or numerically.
VAUTVB	name of the subscripted variable to be returned.
VAUTNALL	define this variable if you do not want the user to be given the ALL option.

Other variables as required by a call to ^DIC (see VA FileMan Programmers
Manual).

Output variables:
  As defined in VAUTVB

VAFMON

VAFMON is a routine which will return income or dependent information on a patient.

$$INCOME^VAFMON(PARM 1,PARM 2)
    PARM 1 - The internal entry of the PATIENT file.
    PARM 2 - The date the income is calculated for.

$$DEP^VAFMON(PARM 1,PARM 2)
    PARM 1 - The internal entry of the PATIENT file.
    PARM 2 - The date the income is calculated for.

AIT

See the Ambulatory Care Reporting Project Interface Toolkit. The AIT is a set of programmer tools that provide access to outpatient encounter data.

Security

General Security

Routines that generate statistics for AMIS or NPCDB workload should NOT be locally modified.

Security Keys

The following are the steps you may take to obtain information about the security keys contained in the PIMS package.

1. VA FileMan Menu
2. Print File Entries Option
3. Output from what File: SECURITY KEY
4. Sort by: Name
5. Start with name: DG to DGZ, VA to VAZ (ADT)
   SD to SDZ, SC to SCZ (scheduling)
6. Within name, sort by: <RET>
7. First print field: Name
8. Then print field: Description

Legal Requirements

The PIMS software package makes use of Current Procedural Terminology (CPT) codes which is an American Medical Association (AMA) copyrighted product. Its use is governed by the terms of the agreement between the Department of Veterans Affairs and the AMA. The CPT copyright notice is displayed for various PIMS users and should not be turned off.

FileMan Access Codes

Below is a list of recommended FileMan Access Codes associated with each file contained in the PIMS package. This list may be used to assist in assigning users appropriate FileMan Access Codes.

FILE NUMBER	FILE NAME	DD ACCESS	RD ACCESS	WR ACCESS	DEL ACCESS	LAYGO ACCESS
2	PATIENT	@	d	D	@	D
5	STATE	@	d	@	@	@
8	ELIGIBILITY CODE	@	d	@	@	@
8.1	MAS ELIGIBILITY CODE	@	d	@	@	@
8.2	IDENTIFICATION FORMAT	@	d	@	@	@
10	RACE	@	d	@	@	@
11	MARITAL STATUS	@	d	@	@	@
13	RELIGION	@	d	@	@	@
21	PERIOD OF SERVICE	@	d	@	@	@
22	POW PERIOD	@	d	@	@	@
23	BRANCH OF SERVICE	@	d	@	@	@
25	TYPE OF DISCHARGE	@	d	@	@	@
27.11	PATIENT ENROLLMENT	@	d	@	@	@
30	DISPOSITION LATE REASON	@	d	@	@	@
35	OTHER FEDERAL AGENCY	@	d	@	@	@
35.1	SHARING AGREEMENT CATEGORY	@	@	@	@	@
35.2	SHARING AGREEMENT SUB-CATEGORY	@	@	@	@	@
37	DISPOSITION	@	d	@	@	@
38.1	DG SECURITY LOG	@	d	D	@	D
38.5	INCONSISTENT DATA	@	d	@	@	@
38.6	INCONSISTENT DATA ELEMENTS	@	d	@	@	@
39.1	EMBOSSED CARD TYPE	@	d	@	@	@
39.2	EMBOSSING DATA	@	d	@	@	@
39.3	EMBOSSER EQUIPMENT FILE	@	d	@	@	@
39.4	ADT/HL7 TRANSMISSION	@	@	@	@	@
40.7	CLINIC STOP	@	d	@	@	@
40.8	MEDICAL CENTER DIVISDN	@	d	@	@	@
40.9	LOCATION TYPE	@	d	@	@	@
41.1	SCHEDULED ADMISSION	@	d	D	D	D
41.41	PRE-REGISTRATION AUDIT	@	d	D	D	D
41.42	PRE-REGISTRATION CALL LIST	@	d	D	D	D
41.43	PRE-REGISTRATION CALL LOG	@	d	D	D	D
41.9	CENSUS	@	d	@	@	@
42	WARD LOCATION	@	d	D	@	D
42.4	SPECIALTY	@	d	@	@	@
42.5	WAIT LIST	@	d	D	D	D
42.55	PRIORITY GROUPING	@	d	@	@	@
42.6	AMIS 334-341	@	d	D	D	D
42.7	AMIS 345&346	@	d	D	D	D
43	MAS PARAMETERS	@	d	D	@	@
43.1	MAS EVENT RATES	@	d	D	D	D
43.11	MAS AWARD	@	d	D	D	D
43.4	VA ADMITTING REGULATION	@	d	@	@	@
43.5	G&L CORRECTIONS	@	d	D	D	D

FILE NUMBER	FILE NAME	DD ACCESS	RD ACCESS	WR ACCESS	DEL ACCESS	LAYGO ACCESS
43.61	G&L TYPE OF CHANGE	@	d	@	@	@
43.7	ADT TEMPLATE	@	d	@	@	@
44	HOSPITAL LOCATION	@	d	D	@	D
45	PTF	@	d	D	@	@
45.1	SOURCE OF ADMISSION	@	d	@	@	@
45.2	PTF TRANSFERRING FACILITY	@	d	D	@	D
45.3	SURGICAL SPECIALTY	@	d	@	@	@
45.4	PTF DIALYSIS TYPE	@	d	@	@	@
45.5	PTF MESSAGE	@	d	@	@	@
45.6	PLACE OF DISPOSITION	@	d	@	@	@
45.61	PTF ABUSED SUBSTANCE	@	d	@	@	@
45.62	PTF ARCHIVE/PURGE HISTORY	@	d	@	@	@
45.64	PTF AUSTIN ERROR CODES	@	d	@	@	@
45.68	FACILITY SUFFIX	@	d	@	@	@
45.7	FACILITY TREATING SPECIALTY	@	d	D	@	D
45.81	STATION TYPE	@	d	@	@	@
45.82	CATEGORY OF BENEFICIARY	@	d	@	@	@
45.83	PTF RELEASE	@	d	@	@	@
45.84	PTF CLOSE OUT	@	d	@	@	@
45.85	CENSUS WORKFILE	@	d	D	@	@
45.86	PTF CENSUS DATE	@	d	@	@	@
45.87	PTF TRANSACTION REQUEST LOG	@	d	@	@	@
45.88	PTF EXPANDED CODE CATEGORY	@	d	@	@	@
45.89	PTF EXPANDED CODE	@	d	@	@	@
45.9	PAF	@	d	D	D	D
45.91	RUG-II	@	d	@	@	@
47	MAS FORMS AND SCREENS	@	d	@	@	@
48	MAS RELEASENOTES	@	d	D	@	@
48.5	MAS MODULE	@	d	@	@	@
389.9	STATION NUMBER (TIME SENSITIVE)	@	d	@	@	@
391	TYPE OF PATIENT	@	d	@	@	@
391.1	AMIS SEGMENT	@	d	@	@	@
392	BENE TRAVEL CLAIM	@	d	@	@	@
392.1	BENE TRAVEL DISTANCE	@	d	D	D	D
392.2	BENE TRAVEL CERTIFICATION	@	d	D	D	D
392.3	BENE TRAVEL ACCOUNT	@	d	@	@	@
392.4	BENE TRAV MODE OF TRANS	@	d	D	@	D
393	INCOMPLETE RECORDS	@	d	D	D	D
393.1	MAS SERVICE	@	d	@	@	@
393.2	IRT STATUS	@	d	@	@	@
393.3	IRT TYPE OF DEFICIENCY	@	d	@	@	@
393.41	TYPE OF CATEGORY	@	d	@	@	@
403.35	SCHEDULING USER PREFERENCE	@	d	@	@	@
403.43	SCHEDULING EVENT	@	d	@	@	@
403.44	SCHEDULING REASON	@	d	@	@	@
403.46	STANDARD POSITION	@	d	@	@	@
403.47	TEAM PURPOSE	@	d	@	@	@
404.41	OUTPATIENT PROFILE	@	d	@	@	@
404.42	PATIENT TEAM ASSIGNMENT	@	d	@	@	@
404.43	PATIENT TEAM POSITION ASSIGNMENT	@	d	@	@	@
404.51	TEAM	@	d	@	@	@
404.52	POSITION ASSIGNMENT HISTORY	@	d	@	@	@
404.56	TEAM AUTOLINK	@	d	@	@	@
404.57	TEAM POSITION	@	d	@	@	@

FILE NUMBER	FILE NAME	DD ACCESS	RD ACCESS	WR ACCESS	DEL ACCESS	LAYGO ACCESS
404.58	TEAM HISTORY	@	d	@	@	@
404.59	TEAM POSITION HISTORY	@	d	@	@	@
404.91	SCHEDULING PARAMETER	@	d	@	@	@
404.92	SCHEDULING REPORT DEFINITION	@	d	@	@	@
404.93	SCHEDULING REPORT FIELDS DEFINITION	@	d	@	@	@
404.94	SCHEDULING REPORT GROUP	@	d	@	@	@
404.95	SCHEDULING REPORT QUERY TEMPLATE	@	d	@	@	@
404.98	SCHEDULING CONVERSATION SPECIFICATON TEMPLATE	@	d	@	@	@
405	PATIENT MOVEMENT	@	d	@	@	@
405.1	FACILITY MOVEMENT TYPE	@	d	D	@	D
405.2	MAS MOVEMENT TYPE	@	d	@	@	@
405.3	MAS MOVEMENT TRANSACTION TYPE	@	d	@	@	@
405.4	ROOM-BED	@	d	D	@	D
405.5	MAS OUT-OF-SERVICE	@	d	@	@	@
405.6	ROOM-BED DESCRIPTION	@	d	D	@	D
406.41	LODGING REASON	@	d	D	@	D
407.5	LETTER	@	d	D	D	D
407.6	LETTER TYPE	@	d	@	@	@
407.7	TRANSMISSION ROUTERS	@	d	@	@	@
408	DISCRETIONARY WORKLOAD	@	d	@	@	@
408.11	RELATIONSHIP	@	d	@	@	@
408.12	PATIENT RELATION	@	d	@	@	@
408.13	INCOME PERSON	@	d	@	@	@
408.21	INDIVIDUAL ANNUAL INCOME	@	d	@	@	@
408.22	INCOME RELATION	@	d	@	@	@
408.31	ANNUAL MEANS TEST	@	d	@	@	@
408.32	MEANS TEST STATUS	@	d	@	@	@
408.33	TYPE OF TEST	@	d	@	@	@
408.34	SOURCE OF INCOME TEST	@	d	@	@	@
408.41	MEANS TEST CHANGES	@	d	@	@	@
408.42	MEANS TEST CHANGES TYPE	@	d	@	@	@
409.1	APPOINTMENT TYPE	@	d	@	@	@
409.2	CANCELLATION REASONS	@	d	@	@	@
409.41	OUTPATIENT CLASSIFICATION TYPE	@	d	@	@	@
409.42	OUTPATIENT CLASSIFICATION	@	d	D	D	D
409.45	OUTPATIENT CLASSIFICATION STOP CODE EXCEPTION	@	d	@	@	@
409.62	APPOINTMENT GROUP	@	d	@	@	@
409.63	APPOINTMENT STATUS	@	d	@	@	@
409.64	QUERY OBJECT	@	d	@	@	@
409.65	APPOINTMENT STATUS UPDATE LOG	@	d	@	@	@
409.66	APPOINTMENT TRANSACTION TYPE	@	d	@	@	@
409.67	CLINIC GROUP	@		D	@	D
409.68	OUTPATIENT ENCOUNTER	@	d	@	@	@

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